Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL
Conditional Major, Construction / Operating
Permit: F-07-051
Kentucky Department of Military Affairs, KY MATES
Fort Knox, KY 40121
December 17, 2007
D. Brian Ballard, P.E. Reviewer

SOURCE ID:	21-093-00097
AGENCY INTEREST:	97911
ACTIVITY:	APE20070001

SOURCE DESCRIPTION:

The Division received an application for construction and operation of a surface coating facility for military vehicles at KY MATES on September 24, 2007. The emission sources identified in the application are a paint booth, water blast booth, parts washers, used oil/residual oil fired heaters, touch-up painting and cleaning of spray guns with solvents.

The source would have potential emissions of methyl isobutyl ketone of more than 10 tons per year and VOC emissions of 141 tons per year. The source requested federally enforceable emission caps of 9 tons per year for individual HAP, 22.5 tons per year for combined HAP and 50 tons per year for VOC. These emission limits shall preclude the applicability of 40 CFR 63, Subpart B, Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act, Section 112(g) and 401 KAR 59:225, New miscellaneous metal parts and products surface coating operations, applicable to affected facilities commenced on or after June 24, 1992, which are part of major source located in county or portion of a county designated attainment or marginal nonattainment for ozone in 401 KAR 51:010.

PUBLIC AND U.S. EPA REVIEW:

On November 14, 2007, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *The Elizabethtown News Enterprise* in Elizabethtown, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA on December 12, 2007 via e-mail. The public comment period expired 30 days from the date of publication. No comments were received during this period. The permit is now being issued final.